

Gold Wire (GW)

Extra pure 24K gold wire — 99.99% Au — 15 micron

Engineered as inner-lead bonding material with excellent electrical conductivity, mechanical properties, curvature, breaking force and chemical stability. Used in LED packaging, semiconductor and solar photovoltaic industries.

TECHNICAL SPECIFICATIONS

QUALITY	Gold — 24K, 99.99% Au content
DIAMETER	15 microns
DESIGNATION	Jc2
TECHNICAL COILS	Aluminium AL-4, 47 mm
BREAKING LOAD	< 2.5
ELONGATION	1.0 – 4.0 %
BOILING POINT	2807 °C
MELTING POINT	1064.63 °C
QUANTIFICATION	800,000 meters
LABORATORY TESTING	IGAS Research GmbH
DEPOSIT	IGAS Research GmbH

Applications

Microchip bonding • Semiconductor integrated circuits • LED packaging • Solar photovoltaic • Aviation & automotive precision systems • Aerospace targeting devices • Mobile and consumer electronics.